

# FIG. 1A

atg agg gtc aca aag atc cat ggg aga agc atg gct tcc tgg ggt cac		48
Met Arg Val Thr Lys Ile His Gly Arg Ser Met Ala Ser Trp Gly His		
1	5	10
		15
aca ttc act cac cac ttc ctt tgg ctg gga gtg ggg gct ccc ttg gtt		96
Thr Phe Thr His His Phe Leu Trp Leu Gly Val Gly Ala Pro Leu Val		
20	25	30
aca tgt cac tcc agg gtg ggt tgt tgc tcc ccc cct ttt ctt cat tct		144
Thr Cys His Ser Arg Val Gly Cys Cys Ser Pro Pro Phe Leu His Ser		
35	40	45
cca tgg gtt tcc ctg atc agt ccc aat gcg agt acc tgg ata tat		192
Pro Trp Val Val Ser Leu Ile Ser Pro Asn Ala Ser Thr Trp Ile Tyr		
50	55	60
cag ttg aag act ttg aag cct gag aaa aca gac tat gtt tat gtg aag		240
Gln Leu Lys Thr Leu Lys Pro Glu Lys Thr Asp Tyr Val Tyr Val Lys		
65	70	75
80		
ctt ttg ttt ctg gag atg aaa ata gca gag cca aga gga atg atg aaa		288
Leu Leu Phe Leu Glu Met Lys Ile Ala Glu Pro Arg Gly Met Met Lys		
85	90	95
aaa ttc act gtt gga cta tat gga aaa ctc agg ctg tgt tca tgg tct		336
Lys Phe Thr Val Gly Leu Tyr Gly Lys Leu Arg Leu Cys Ser Trp Ser		
100	105	110
ttg agt gaa cta ttt tca aca ttg aaa att gac aca cct cag cgg ggg		384
Leu Ser Glu Leu Phe Ser Thr Leu Lys Ile Asp Thr Pro Gln Arg Gly		
115	120	125
agc att cag gat atc aat cat cgg gtg tgg gtt ctt cag gac cag acg		432
Ser Ile Gln Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr		
130	135	140
ctc ata gca gtc ccg agg aag gac cgt atg tct cca gtc act att gcc		480
Leu Ile Ala Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala		
145	150	155
160		
tta atc tca tgc cga cat gtg gag acc ctt gag aaa gac aga ggg gac		528
Leu Ile Ser Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asp		
165	170	175
ccc atc tac ctg ggc ctg aat gga ctc aat ctc tgc ctg atg tgt gct		576
Pro Ile Tyr Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala		
180	185	190
aaa gtc ggg gac cag ccc aca ctg cag ctg aag gaa aag gat ata atg		624
Lys Val Gly Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met		

## FIG. 1B

gat ttg tac aac caa ccc gag cct gtg aag tcc ttt ctc ttc tac cac	672		
Asp Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His			
210	215	220	
agc cag agt ggc agg aac tcc acc ttc gag tct gtg gct ttc cct ggc	720		
Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly			
225	230	235	240
tgg ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc atc ctt acc	768		
Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr			
245	250	255	
caa gaa ctg ggg aaa gcc aac act act gac ttt ggg tta act atg ctg	816		
Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu			
260	265	270	
ttt		819	
Phe			